

ABSTRACT

The invention concerns a nickel based powdered
metallic material comprising in addition to nickel 0 -4.5
5 wt % of copper, 0-5.0 % by weight of iron, whereby the
total amount of copper and iron is at least 2.5 % by
weight, 0.05-5.0 % by weight of a carbide forming element
0.5-2.0 % by weight of boron, 1.0-4.0 % by weight of
silicon, 0.5-4.0 % by weight of phosphorus, 0.01-0.5 % by
10 weight of C and less than 2 % by weight of inevitable
impurities.

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